



# **Tarangire National Park-Tanzania**

## **Work Plan FY01-03**

**Agreement #623-A-00-98-00064-00**

**Submitted by:**

**World Wildlife Fund U.S.**

**To:**

**USAID**

**October 31, 2000**

## **WWF-TARANGIRE NATIONAL PARK PROJECT'S WORK PLAN: FY 01-03**

### **Objective 3: Ecological Monitoring**

The following project activities have already been completed under this objective: hiring project executant, driver, administrative assistant and OIKOS supportive staff. Other activities that have already been accomplished include: procurement of project vehicles, holding workshops on conservation & ecology of Tarangire NP, Data collection and analysis and identification of activities for sustainable conservation of Tarangire/Lake Manyara wetlands.

The following activities are either currently under implementation or are planned to be carried out under this objective:

- ◆ Preparation of grant to Institute of Resources Assessment (IRA) of the University of Dar-es-Salaam. IRA will be provided with a grant to train Tarangire National Park (TNP) staff on GIS and Information Management. This grant is planned to be drawn between WWF and IRA sometime in December, 2000 hopefully soon after having received approval of USAID on the proposed CA amendment.
- ◆ Training of TNP staff on GIS will be carried out by IRA through the above grant and is planned to start latest by end of December, 2000 (soon after having received the above grant). The training is planned for two years up to end of the project.
- ◆ Advertising of tenders for design of GIS for the Tarangire Park was done in April 2000. The selected Architect (WEGGS Consultants) is at the moment busy designing the centre. It is hoped that the design work for the centre would be completed soon and hopefully by December 2000 the Building contractor would be selected.
- ◆ Construction work for the centre is planned to start latest by January 2001 and should be completed by June 2001.
- ◆ Wet and dry season aerial animal counting using Systematic Reconnaissance Flight (SRF) method will be carried out in four quarters as the CA gave WWF only four and a half years instead of five and also because the project started six months late.
- ◆ The inventory of plants, birds, fishes, butterflies and reptiles & amphibians had some components started in May 1999 and plans to be completed by December 2002. As part of the inventory work, guide books on the same will be produced.
- ◆ The selection and training of a graduate student in wildlife ecology (Ms Msoffe) has been done and training is underway and is expected to be completed in November 2001 when OIKOS sub-agreement comes to an end. A dissertation on wildlife ecology will be produced.
- ◆ Radio-tracking of elephants which started in January 1999 will be carried out by OIKOS until November 2001.
- ◆ Total counting of elephants and buffaloes like the above SRF counts will be carried out in four quarters because of the same above reasons.
- ◆ Ground counting of large mammals is continuously being carried out by OIKOS until November 2001 when their sub-agreement terminates.
- ◆ Hands on training of TNP staff on ecological monitoring is carried out by both WWF and OIKOS and will continue until end of the project.

## **Objective 2: Vegetation and Participatory land-use mapping**

The following activities are being carried out under this objective:

- ◆ Selection and training of graduate student (Mr. Kimollo) in GIS and land-use has already been done and training is underway until November 2001 when the OIKOS sub-agreement comes to an end. A dissertation on land use will be produced.
- ◆ Preparation of vegetation maps for the Tarangire eco-system is underway and is being carried out by OIKOS and the maps in this regard are expected to be completed before the sub-agreement expires.
- ◆ Production of land use-maps for selected villages, which have high potential for being turned into Wildlife Management Areas (WMAs) within the Tarangire ecosystem, is underway and should be completed by November 2001.
- ◆ Hands on training of relevant TNP staff on vegetation and land use mapping is ongoing and will be completed in November 2001.

## **Objective 4: Establish and Train TANAPA's Desk Top Publishing Unit**

The establishment of the desk top publishing unit (of about 3 people) for Tanzania National Parks (TANAPA) will be done by TANAPA itself in collaboration with WWF. However, the hands-on training of this unit in this regard will be carried out by Africa Vision who will be given a grant to do this.

The following activities will be carried out under this objective:

- ◆ Preparation of a grant to Africa Vision is planned to be carried out before end of December 2000. It is hoped that by then, the approval by USAID of the proposed amendment on the CA will be done.
- ◆ Hands-on training of TANAPA's desk top publishing unit will be carried out by Africa Vision and planned for two years i.e. from January 2001 to end of December 2002.
- ◆ Production of tourist information materials by the desk top publishing unit is planned to start by October 2001 that is after nine months of hands on training.

## **Objective 1: Sustainable Conservation of Tarangire/Lake Manyara Wetlands**

Activities for this objective are being carried out by selected local NGOs and institutions in collaboration with WWF. The selected local NGOs include: Mazingira Bora Karatu, and FIDE. The local institutions are Monduli Development Corporation (MDC) and TANAPA's Ecological monitoring department. Some more local NGOs may also be selected in the future if proved capable.

The following activities are being carried out under this objective:

- ◆ Rehabilitation of eroded catchment slopes of Lake Babati is being carried out by FIDE who have already been given a small grant in this regard. The programme involves planting grass and tree seedlings on the eroded areas and gullies and raising awareness to local communities on good farming practices. An assessment

on FIDE's performance will be carried out after 6-12 months and if found OK will be issued with an other grants the following years. This programme is planned to run up to the end of the project.

- ◆ Reforestation of eroded areas and gullies in Karatu plateau is being carried out by Mazingira Bora Karatu. The grant in this regard has already been given to Mazingira Bora Karatu. The programme involves planting grass and tree seedlings in the gullies and eroded slopes. The programme also involves raising awareness to local communities on good agricultural practices. Like FIDE their performance will be assessed after 6-12 months and if proved capable will qualify for other grants in the following years. Again this programme is planned to run up to the end of the project.
- ◆ Monitoring of water quality within the Tarangire/Lake Manyara catchment basin will be carried out by TANAPA's ecological monitoring unit. This activity is planned to start in December 2000 and will continue up to the end of the project.
- ◆ Preparation of land use plans for Selela village is already underway and is being carried out by MDC. The exercise is expected to produce a comprehensive report and land-use maps for Selela village and is planned to be completed before June 2002.

### **Others:**

#### **Mid-term evaluation:**

WWF plans to carry out a Mid-term evaluation of the project in March/ April 2001.

#### **Final performance report:**

WWF plans to produce a final project performance report by April 2003.

#### **Final Evaluation:**

WWF also plans to carry out a final evaluation of the project in April 2003.

**REVISED WORK PLAN FOR WWF-TARANGIRE PROJECT : (22/09/2000)**

	98/99				99/00				00/01				01/02				02/03			
OBJECTIVE 3	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<i>ECOLOGICAL MONITORING</i>																				
Hire Project Executant																				
Prepare Grant to IRA																				
Training of TNP staff on GIS																				
Hire project driver																				
Hire Administrative Assistant																				
Advertise tenders for design of GIS centre																				
Construction of GIS centre																				
Procure Vehicles & Equipment																				
W/Shop: Counting Large Mammals																				
Wet and Dry season Animal Census																				
Inventory of Plants, Birds, Fishes Reptiles & Amph. and Bu-flies																				
W/Shop: Conservation. & Ecology of Tarangire Nat. Park																				
W/Shop: Data collection, Analysis and Report writing																				
Hire Wildlife Biologist (OIKOS)																				
Select and train graduate student																				
Hire support staff (OIKOS)																				
Elephant Capture, Collaring and Radio-tracking																				
Total Counts (Elephant & Buffalo)																				
Ground Counting of Large Mammals																				
Hands on training on Ecol. mon.																				

	98/99				99/00				00/01				01/02				02/03			
OBJECTIVE 2	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<b><i>VEGETATION AND PARTICIPATORY LAND USE MAPPING AND DATABASE</i></b>																				
<b>Hire Land Use Expert</b>																				
<b>Select &amp; train graduate student</b>																				
<b>Prepare vegetation maps</b>																				
<b>Prepare part. land use maps</b>																				
<b>Hands on training TNP staff</b>																				
OBJECTIVE 4																				
<b><i>ESTABLISH &amp; TRAIN TANAPA's DESK TOP PUBLISHING UNIT</i></b>																				
<b>Prepare Grant for Africa Vision</b>																				
<b>Africa Vision train TANAPA 's desk top publishing unit on desk top publishing</b>																				
<b>Produce tourist information materials</b>																				

	98/99				99/00				00/01				01/02				02/03			
OBJECTIVE 1	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<b><i>SUSTAINABLE CONSERV. OF TARANGIRE/LAKE MANYARA WETLANDS</i></b>																				
<b>Engage study on Tarangire river/Lake Manyara wetlands</b>																				
<b>W/shop to develop strategies for sustainable conserv. Of Tarangire/L. Manyara wetlands</b>																				
<b>Rehabilitation of eroded catchment slopes of Lake Babati (FIDE)</b>																				
<b>Reforestation of eroded areas and gullies in Karatu</b>																				
<b>Purchase car for wetland program</b>																				
<b>Monitoring water quality in the Tarangire catchment basin</b>																				
<b>Preparation of land use plans for Selela village</b>																				

	98/99				99/00				00/01				01/02				02/03			
PROJECT MONITORING, EVALUATION AND REPORTING	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<b>Produce six monthly and annual reports</b>																				
<b>Mid-term evaluation</b>																				
<b>Final performance report</b>																				
<b>Final evaluation</b>																				